APPENDIX A

BENCHMARK CHARACTERISTIC ANALYSIS OF DATA FROM FIXED STATIONS IN THE BLUE-SINKING WATERSHED

Station: BLW-57	Valid N	Mean	Confid. -95.000%	Confid. +95.000%	Median	Sum	Minimum	Maximum	Lower Quartile	Upper Quartile	Range	Quartile Range	Variance	Std Dev	Standard Error	Skewness	Std.Err. Skewness	Kurtosis	Std.Err. Kurtosis
Alkalinity (mg/l)	22	153.9545	142.6527	165.2563	149	3387	111	212	138	165	101	27	649.7597	25.49039	5.434568	0.761888	0.490962	0.758969	0.95278
Ammonia (mg/l as N)	22	0.052273	0.047546	0.056999	0.05	1.15	0.05	0.1	0.05	0.05	0.05	0	0.000114	0.01066	0.002273	4.690416	0.490962	22	0.95278
BOD (mg/l)	19	1.115789	0.486279	1.7453	0.5	21.2	0.5	5.5	0.5	1.1	5	0.6	1.705848	1.306081	0.299535	2.754531	0.523767	7.51782	1.01427
COD (mg/l)	0																		
Cyanide (mg/l)	0																		
Nitrate (mg/l as N)	21	2.280952	1.84325	2.718654	2.4	47.9	0.3	4.1	1.8	2.9	3.8	1.1	0.924619	0.961571	0.209832	-0.20233	0.501195	0.003072	0.971941
Total Phosphorus (mg/l as P)	21	0.061667	0.019846	0.103487	0.05	1.295	0.015	0.45	0.015	0.06	0.435	0.045	0.008441	0.091874	0.020049	4.120861	0.501195	18.08288	0.971941
Total Solids (mg/l)	22	248.5473	220.4095	276.685	260	5468.04	0.04	315	230	281	314.96	51	4027.503	63.46261	13.53027	-3.00198	0.490962	11.63336	0.95278
Suspended Solids (mg/l)	22	22.36364	-1.17069	45.89797	5.5	492	2	243	3	16	241	13	2817.481	53.07994	11.31668	3.869498	0.490962	15.69631	0.95278
Dissolved Solids (mg/l)	1	177			177	177	177	177											
Sulfate (mg/l)	1	4			4	4	4	4											
TKN (mg/l as N)	0																		
E. coli (CFU/100ml)	19	1191.053	-892.163	3274.268	80	22630	5	19000	20	320	18995	300	1.9E+07	4322.162	991.572	4.32737	0.523767	18.80297	1.01427
TOC (mg/l)	0																		
Hardness (mg/l)	21	191	172.4149	209.5851	198	4011	106	276	171	212	170	41	1667	40.82891	8.909599	-0.39413	0.501195	-0.55767	0.971941
Chloride (mg/l)	0																		
Dissolved Oxygen (mg/l)	17	10.17706	9.258207	11.09591	9.71	173.01	7	12.95	8.99	12.25	5.95	3.26	3.193797	1.78712	0.43344	0.287636	0.549747	-0.90642	1.063198
pH	16	7.816875	7.613122	8.020628	7.845	125.07	7.2	8.65	7.535	8.045	1.45	0.51	0.14621	0.38237	0.095593	0.389735	0.564308	0.045848	1.090774
Copper (ug/l)	0																		
Iron (ug/l)	0																		
Zinc (ug/l)	0																		